



west virginia department of environmental protection

Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304
(304) 926-0450
(304) 926-0452 fax

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

August 29, 2013

WELL WORK PLUGGING PERMIT

Plugging

This permit, API Well Number: 47-8509995, issued to MURVIN & MEIER OIL CO., is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. The above named operator will also file, as required in WV Code 22-6-23, an affidavit on form WR-38 by two experienced persons in the operator's employment and the Oil and Gas inspector that the work authorized under this permit was performed and a description given. Failure to abide by all statutory and regulatory provisions governing all duties and operations here under may result in suspensions or revocation of this permit and in addition may result in civil and/or criminal penalties being imposed upon the operator.

This permit will expire in two (2) years from date of issue. If there are any questions, please free to contact me at (304) 926-0499 ext. 1654.



James Martin
Chief

Operator's Well No: COX M2

Farm Name: DIFILIPPO, DENNIS N. AND DEB.

API Well Number: 47-8509995

Permit Type: Plugging

Date Issued: 08/29/2013

Promoting a healthy environment.

1) Date Aug 12, 20 13
2) Operator/s Cox M2
Well No. Cox M2
3) API Well No. 47-DBS-09995 P

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

- 4) Well Type: Oil / Gas X / Liquid injection / Waste disposal
(If "Gas, Production X or Underground storage) Deep / Shallow X
- 5) Location: Elevation 1160 Watershed Leatherbark Creek
District Murphy County Putnam Quadrangle Smithville 7.5'
- 6) Well Operator Murphy and Meier, Inc. 7) Designated Agent P. Nathan Bowles, Jr.
Address PO Box 396 Address PO Box 1386
Olney, Illinois 62450 Charleston, WV 25325-1386
- 8) Oil and Gas Inspector to be notified Name Mr. David Cowan
Address Route 1 Box 202
Harrisonville, WV 26362
- 9) Plugging Contractor Name Nexus Drilling
Address Lewis County Industrial Park
Jane Lew, WV 26378

10) Work Order: The work order for the manner of plugging this well is as follows:

Cavings 580' to 574'
Cement 574' to 474'
6% Gel 474' to 174'
Cement 174' to Surface
Erect Monument with API number

Received
Office of Oil & Gas

AUG 26 2013

Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector g w m^s Layla Date 8/26/2013

WW-4A
Revised 6-07

1) Date: August 12, 2013
2) Operator's Well Number: Cox 112

3) API Well No.: 47 - 085 - 099959

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL

4) Surface Owner(s) to be served: ☒ 5) (a) Coal Operator
(a) Name Dennis M. and Debra L. Disbrow Name _____
Address 4724 MacCorkle Ave SW Address _____
Charleston, WV 25309-1216
(b) Name John E. Fredrick (b) Coal Owner(s) with Declaration
Address HC 80 Box 19 Name _____
Smithville, WV 26178-9734 Address _____
(c) Name _____ Name _____
Address _____ Address _____
6) Inspector Mr. David Cowan (c) Coal Lessee with Declaration
Address Route 1 Box 202 Name _____
Marshall, WV 246362 Address _____
Telephone 304-389-3509

TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverse side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

Well Operator Murvin & Meier Oil Co.
By: Kate Blackford
Its: Exec. Vice-President
Address P.O. Box 396
Olney, IL 62450
Telephone 618-395-4405

Subscribed and sworn before me this 12th day of August, 2013
Kellie Weems Notary Public

My Commission Expires _____

Oil and Gas Privacy Notice

"OFFICIAL SEAL"
KELLIE WEEMS
Notary Public, State of Illinois
My Commission Expires 11-30-18

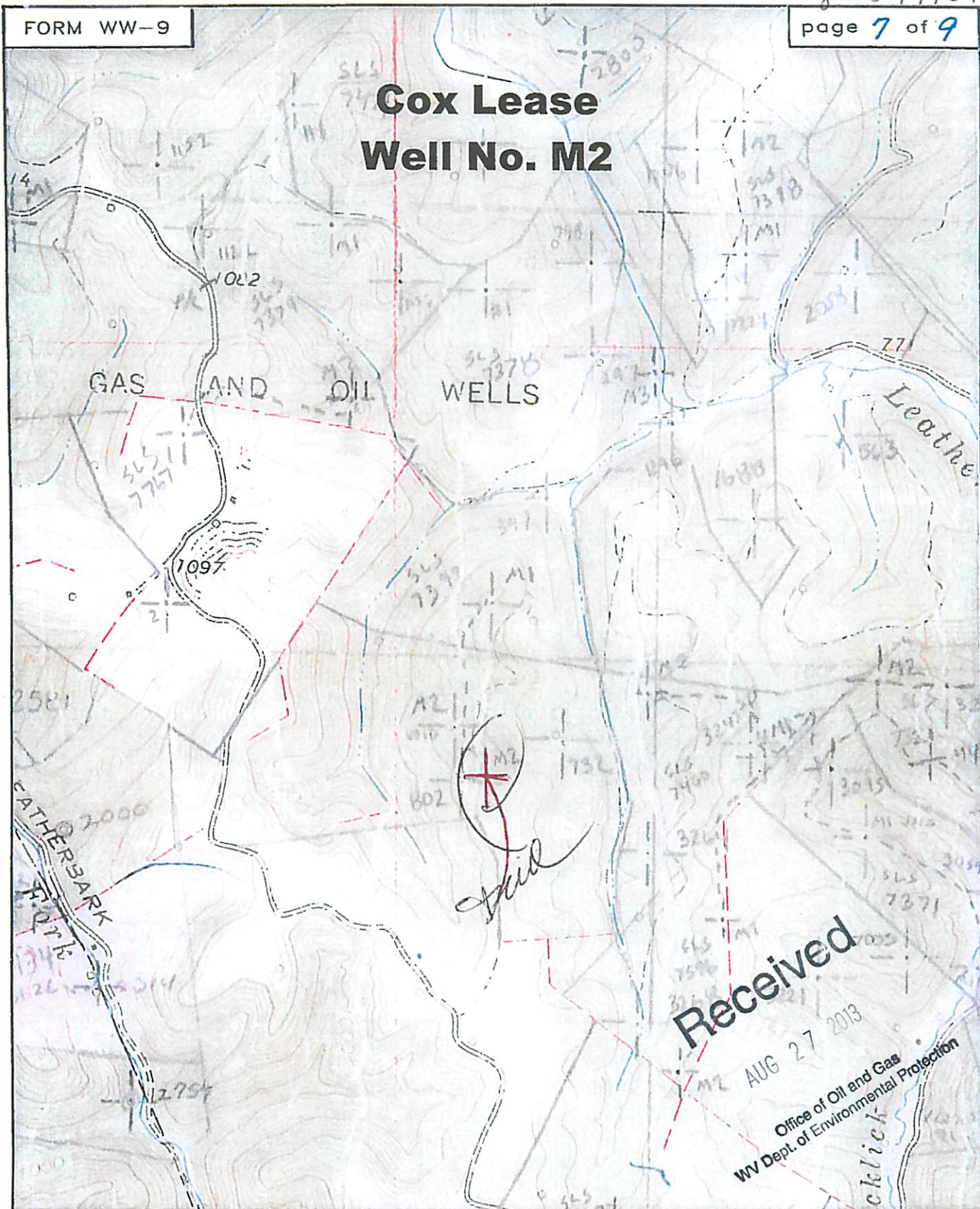
The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

85.09995P

FORM WW-9

page 7 of 9

Cox Lease Well No. M2



SLS

SMITH LAND SURVEYING
P.O. BOX 150 GLENVILLE, WV. 26351

TOPO SECTION OF SMITHVILLE 7.5'

FILE NO. 7398

DATE 12/22/11 SCALE 1"=1000'

COX LEASE

25 of 132 ACRES±

WELL NO. M2

LATITUDE 39°02'30"

1,341'

LONGITUDE 81°02'30"

4,385'

DENNIS N. &
DEBRA L.
DIFILIPPO
117.72 ACRES±

WAIVER TO BE
OBTAINED
REGARDING BEING
LESS THAN 400 FEET
FROM WELL
47-085-0802.

3 HICKORIES
(FOUND)

47-085-0802

BBGJ, INC.
150 ACRES±DONNA L.
VALENTINE
167.5 ACRES±DENNIS N. &
DEBRA L.
DIFILIPPO
50 ACRES±

47-085-0732

STONE & HICKORY
(FOUND)JOHN E. FREDRICK
80 ACRES±P/O
DENNIS N. &
DEBRA L.
DIFILIPPO
117.72 ACRES±

COX M2 WELL TIES

LINE	BEARING	DISTANCE
L1	N 66°23' W	325.01'
L2	S 77°22' W	164.20'
L3	S 08°37' W	288.04'

WELL NO. M2
STATE PLANE
COORDINATES (NAD 27)
(N) 196,683
(E) 1,560,702

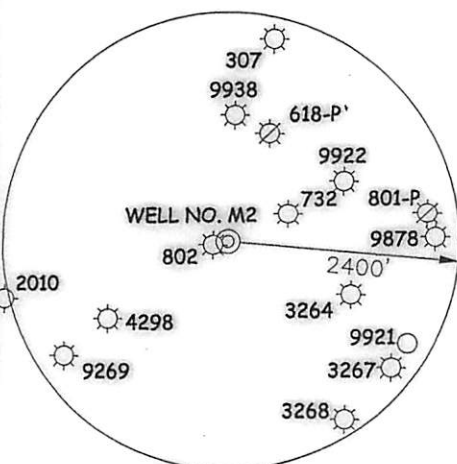
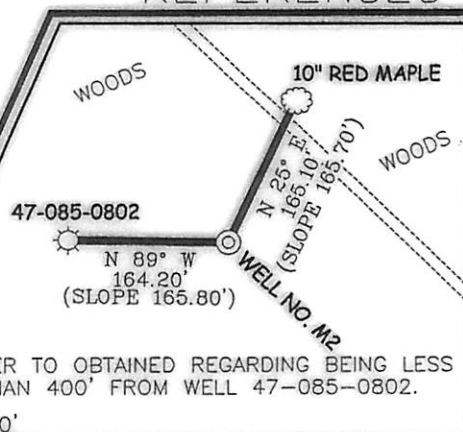
WELL NO. M2
LAT/LONG
COORDINATES (NAD27)
(N) 39°01'46.7"
(W) 81°02'47.0"

WELL NO. M2
UTM
COORDINATES (NAD 83)
(N) 4,320,075
(E) 495,999

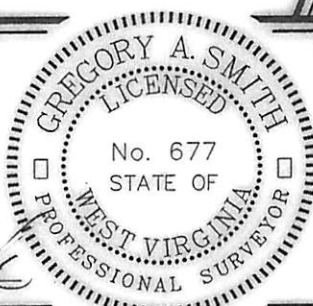
NOTES ON SURVEY

1. TIES TO WELLS AND CORNERS ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD '27.
2. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 12-20-11.
3. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A PLAT DATED 05/09/1940 AS PREPARED BY B.F. RINEHART FOR A.P.I. NO. 47-085-0802.
4. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF RITCHIE COUNTY IN JULY, 2011.
5. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS (SUBMETER MAPPING GRADE).

REFERENCES



I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION.

P.S.
677

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE DECEMBER 22, 20 11

OPERATORS WELL NO. COX M2

API WELL NO. 47 - 085 - 09995
STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 7398PM2 (396-32)
PROVEN SOURCE OF ELEVATION DGPS (SUBMETER MAPPING GRADE) SCALE 1" = 500'

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS



WELL TYPE: OIL ☐ GAS ☒ LIQUID INJECTION ☐ WASTE DISPOSAL ☐ IF "GAS" PRODUCTION ☒ STORAGE ☐ DEEP ☐ SHALLOW ☒

LOCATION: ELEVATION 1,160' WATERSHED LEATHERBARK CREEK
DISTRICT MURPHY COUNTY RITCHIE QUADRANGLE SMITHVILLE 7.5'
SURFACE OWNER DENNIS N. & DEBRA L. DIFILIPPO ACREAGE 117.72±
ROYALTY OWNER W.E.COX, ET AL LEASE ACREAGE 25 of 132±
PROPOSED WORK: LEASE NO. _____
DRILL ☒ CONVERT ☐ DRILL DEEPER ☐ REDRILL ☐ FRACTURE OR STIMULATE ☒ PLUG OFF OLD
FORMATION ☐ PERFORATE NEW FORMATION ☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG ☐ OTHER ☐
PHYSICAL CHANGE IN WELL (SPECIFY) _____ TARGET FORMATION RHINESTREET
ESTIMATED DEPTH 6,000'

WELL OPERATOR MURVIN & MEIER OIL COMPANY
ADDRESS P.O. BOX 396
OLNEY, IL 62450

DESIGNATED AGENT P. NATHAN BOWLES, JR.
ADDRESS P.O. BOX 1237
CHARLESTON, WV 25325

COUNTY NAME

PERMIT

WW-7
8-30-06



West Virginia Department of Environmental Protection
Office of Oil and Gas
WELL LOCATION FORM: GPS

API: 47-085-09995P WELL NO.: M2
FARM NAME: D. Filippo, Dennis N. & Debra
RESPONSIBLE PARTY NAME: _____
COUNTY: Ritchie DISTRICT: Murphy
QUADRANGLE: Smithville 7.5'
SURFACE OWNER: Dennis N. & Debra D. Filippo
ROYALTY OWNER: W. E. Cox Etal
UTM GPS NORTHING: 4320073.9
UTM GPS EASTING: 496001.5 GPS ELEVATION: 1148

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) - meters.
2. Accuracy to Datum - 3.05 meters
3. Data Collection Method:
Survey grade GPS ____: Post Processed Differential ____

Real-Time Differential ____

Mapping Grade GPS X: Post Processed Differential X

Real-Time Differential ____

4. Letter size copy of the topography map showing the well location.

I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.

Signature

Title

Date

Received

AUG 27 2013

Office of Oil and Gas
WV Dept. of Environmental Protection

Kalvin Black

ERP

8/27/13